



generally is characterized by an abrupt downward increase in clay content accompanied by a change from gray or grayish-brown dentrite to reddish-

Stratigraphic and structural relations preserved in this report are based on the work of the Teton basin geologists, and in particular on the work of the late T. A. Teton, basin geologist (1879) and represent a revision of his interpretation. The geologic stratigraphy, as presented, is not a statement on the discussion by Thompson (1973). Some of the stratigraphic correlations in the discussion of Thompson (1973) are not supported by the evidence presented in this report, and some features can be interpreted in different and plausible ways. Different paleogeographic interpretations, however, should have little effect on the conclusions of this report. The geologic interpretation and the boundaries presented in this report conform with the stratigraphic correlations in the statement of the reader that are most likely to reflect the significance and extent of compressive deformation. The geologic interpretation and the boundaries presented in this report conform with the stratigraphic correlations in the statement of the reader that are most likely to reflect the significance and extent of compressive deformation. The geologic interpretation and the boundaries presented in this report conform with the stratigraphic correlations in the statement of the reader that are most likely to reflect the significance and extent of compressive deformation.

GEOHYDROLOGIC SETTING

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